

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: DANIELL, Henry *et al.*

Title: GENETIC ENGINEERING OF DROUGHT TOLERANCE VIA A PLASTID GENOME

Appl. No. 09/807,836

Filing Date: April 19, 2001

Examiner:

Art Unit:

PRELIMINARY AMENDMENT

Mail Stop Box PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the application as follows:

In the Specification:

Please amend the specification as shown:

Please delete the paragraph on page 17, lines 15-22, and replace it with the following paragraph:

Chloroplast DNA isolation and PCR: Total DNA was extracted from leaves of wild type and transformed plants using CTAB extraction buffer described. PCR was carried out to confirm spectinomycin resistant chloroplast transformants using Peltier Thermal Cycler PTC-200 (MJ Research, USA). Three primer sets, 2P(5'-GCGCCTGACCCTGAGATGTGGATCAT-3') (SEQ ID NO: 1) - 2M(5'-TGACTGCCCAACCTGAGAGCGGACA-3') (SEQ ID NO: 2), 3P(AAAACCCGTCCTCAGTTCGGATTGC) (SEQ ID NO: 3) - 3M(CCGCGTTGTTTCATCAAGCCTTACG) (SEQ ID NO: 4) and - 5P(CTGTAGAAGTCACCATTTGTTGTGC) (SEQ ID NO: 5), 5M(GTCCAAGATAAGCCTGTCTAGCTTC) (SEQ ID NO: 6) were used for the PCR. PCR reactions were carried out as described elsewhere (Daniell et al., 1998; Guda et al., 2000).